```
=> d his full
```

L3

```
(FILE 'HOME' ENTERED AT 11:18:40 ON 06 SEP 2006)
```

D SCA D RSD L2 1-2

D SCA

. .

6661 SEA ABB=ON PLU=ON 1.13.2/RID

FILE 'STNGUIDE' ENTERED AT 11:22:21 ON 06 SEP 2006

FILE 'HCAPLUS' ENTERED AT 11:24:10 ON 06 SEP 2006

E PRESERVATIVES+ALL/CT

E E8+ALL/CT

E E5+ALL/CT

E FUNGICIDES+ALL/CT

L11 177778 SEA ABB=ON PLU=ON PRESERVATIVES+ALL/CT
L12 177778 SEA ABB=ON PLU=ON PRESERVATIVES+MAX/CT
L13 47 SEA ABB=ON PLU=ON L4 AND L11
L14 1314 SEA ABB=ON PLU=ON L2

FILE 'STNGUIDE' ENTERED AT 11:27:34 ON 06 SEP 2006 D COST

FILE 'REGISTRY' ENTERED AT 11:54:56 ON 06 SEP 2006

L15 STRUCTURE UPLOADED

L16 1 SEA SSS SAM L15

D SCA

L17 326 SEA SSS FUL L15

SAVE TEMP QAZ017STRA/A L17

FILE 'HCAPLUS' ENTERED AT 11:55:57 ON 06 SEP 2006 S L15

FILE 'REGISTRY' ENTERED AT 11:56:02 ON 06 SEP 2006
L*** DEL 1 S L15

FILE 'HCAPLUS' ENTERED AT 11:56:03 ON 06 SEP 2006 L*** DEL 0 S L18

FILE 'HCAPLUS' ENTERED AT 11:56:17 ON 06 SEP 2006 L18 1989 SEA ABB=ON PLU=ON L17 L19 209 SEA ABB=ON PLU=ON L17 (L) FFD/RL

```
6257 SEA ABB=ON PLU=ON FOOD PRESERVATION/CT
L20
          3796 SEA ABB=ON PLU=ON FOOD PRESERVATIVES/CT
L21
          3084 SEA ABB=ON PLU=ON FOOD PACKAGING/CT
L22
        173776 SEA ABB=ON PLU=ON ?PRESERV?/BI
L23
L24
        577173 SEA ABB=ON PLU=ON (RIPE# OR RIPEN? OR DISCOLOR? OR BROWN? OR
               DECAY? OR DETERIORAT?)/BI
L25
       1267067 SEA ABB=ON PLU=ON ?PRESSURE?/BI
L*** DEL
               QUE VACUUM# OR VACUO OR EVACUAT?
L*** DEL
               QUE (ACUUM# OR VACUO OR EVACUAT?)/BI
L26
               QUE ABB=ON PLU=ON (VACUUM# OR VACUO OR EVACUAT?)/BI
         33904 SEA ABB=ON PLU=ON (LOW/OBI OR REDUC?/OBI OR PUMP?/OBI) (5A)
L27
               L25
L*** DEL
               QUE KPA OR ATM
L28
               QUE ABB=ON PLU=ON (KPA OR ATM)/BI
L29
        631057 SEA ABB=ON PLU=ON ATMOSPHER?/BI
               QUE ABB=ON PLU=ON FRUIT?/BI
L30
L31
               QUE ABB=ON PLU=ON VEGETABL?/BI
L32
               QUE ABB=ON PLU=ON ORNAMENT?/BI
               QUE ABB=ON PLU=ON FLOWER?/BI
L33
               QUE ABB=ON PLU=ON (APPLE# OR PEAR# OR PERSIMMON# OR PEACH##
L34
               OR PLUM# OR MELON# OR JAPAN? APRICOT?)/BI
            68 SEA ABB=ON PLU=ON L18 AND L25
1.35
           355 SEA ABB=ON PLU=ON (L18 OR L19) AND (L20 OR L21 OR L22 OR L23
L36
               OR L24)
            56 SEA ABB=ON PLU=ON (L18 OR L19) AND (L20 OR L21 OR L22 OR L23
L37
               OR L24) AND (L25 OR L26 OR L27 OR L28)
L38
            52 SEA ABB=ON PLU=ON (L18 OR L19) AND (L20 OR L21 OR L22 OR L23
               OR L24) AND (L25 OR L26 OR L27 OR L28) AND (L30 OR L31 OR L32
               OR L33 OR L34)
L39
            54 SEA ABB=ON PLU=ON (L18 OR L19) AND (L20 OR L21 OR L22 OR L23
               OR L24) AND (L25 OR L26 OR L27 OR L28 OR L29) AND (L30 OR L31
               OR L32 OR L33 OR L34)
             5 SEA ABB=ON PLU=ON (L18 OR L19) AND (L20 OR L21 OR L22 OR L23
L40
               OR L24) AND (L25 OR L26 OR L27) AND (L30 OR L31 OR L32 OR L33
               OR L34)
               D SCA
             8 SEA ABB=ON PLU=ON (L18 OR L19) AND (L20 OR L21 OR L22 OR L23
T.41
               OR L24) AND (L25 OR L26 OR L27)
               D SCA
               QUE ABB=ON PLU=ON 17,19/SC,CC,SX
L42
L*** DEL
             0 S L18-L19 AND L42
L43
               QUE ABB=ON PLU=ON 19/SC,CC,SX
               QUE ABB=ON PLU=ON 17/SC,CC,SX
T.44
L45
           334 SEA ABB=ON PLU=ON (L18 OR L19) AND (L43 OR L44)
           270 SEA ABB=ON PLU=ON
                                  (L18 OR L19) AND (L43 OR L44) AND (L20 OR
L46
               L21 OR L22 OR L23 OR L24)
L47
           256 SEA ABB=ON PLU=ON (L18 OR L19) AND (L43 OR L44) AND (L20 OR
               L21 OR L22 OR L23 OR L24) AND (L30 OR L31 OR L32 OR L33 OR
               L34)
L48
             3 SEA ABB=ON PLU=ON L47 AND L25
               D SCA
L*** DEL
               QUE (LOW OR REDUC?)
L49
               QUE ABB=ON PLU=ON (LOW OR REDUC?)/BI
L50
               QUE ABB=ON PLU=ON (LOW OR REDUC? OR MODIF?)/BI
L51
        197971 SEA ABB=ON PLU=ON L50 (5A) (L29 OR L25)
L52
            45 SEA ABB=ON PLU=ON L51 AND (L18 OR L19)
L53
            23 SEA ABB=ON PLU=ON L52 AND (L43 OR L44)
L54
            57 SEA ABB=ON PLU=ON L53 OR L39
L55
             2 SEA ABB=ON PLU=ON L53 AND L25
               D SCA
```

```
125 SEA ABB=ON PLU=ON KASHIMURA Y?/AU OR YOSHIKI K?/AU
1.56
           96 SEA ABB=ON PLU=ON HAYAMA H?/AU OR HIROKO H?/AU
1.57
          5064 S ITO A?/AU
L*** DEL
L*** DEL
          0 S AKIKO I?/AU
          5064 SEA ABB=ON PLU=ON ITO A?/AU OR AKIKO I?/AU
L58
           12 SEA ABB=ON PLU=ON L56 AND (L57 OR L58)
L59
            15 SEA ABB=ON PLU=ON L57 AND L58
L60
            15 SEA ABB=ON PLU=ON (L59 OR L60)
L61
             1 SEA ABB=ON PLU=ON (L56 OR L57 OR L58) AND (L39 OR L53 OR L40
L62
               OR L48 OR L55)
     FILE 'REGISTRY' ENTERED AT 12:38:33 ON 06 SEP 2006
               ANALYZE PLU=ON L17 1- LC : 31 TERMS
L63
               D 1-31
     FILE 'MEDLINE, EMBASE, BIOSIS, AGRICOLA' ENTERED AT 12:43:44 ON 06 SEP
     2006
     FILE 'REGISTRY' ENTERED AT 12:44:05 ON 06 SEP 2006
            2 SEA ABB=ON PLU=ON L17 AND MEDLINE/LC
L64
L65
             1 SEA ABB=ON PLU=ON L17 AND EMBASE/LC
L66
             6 SEA ABB=ON PLU=ON L17 AND BIOSIS/LC
             8 SEA ABB=ON PLU=ON L17 AND AGRICOLA/LC
L67
             9 SEA ABB=ON PLU=ON (L64 OR L65 OR L66 OR L67)
L68
               D SCA
     FILE 'MEDLINE, EMBASE, BIOSIS, AGRICOLA' ENTERED AT 12:45:45 ON 06 SEP
     2006
     FILE 'REGISTRY' ENTERED AT 12:45:52 ON 06 SEP 2006
               SET SMARTSELECT ON
                                            32 TERMS
L69
               SEL PLU=ON L68 1- CHEM:
               SET SMARTSELECT OFF
     FILE 'MEDLINE, EMBASE, BIOSIS, AGRICOLA' ENTERED AT 12:45:53 ON 06 SEP
     2006
L70
          9369 SEA ABB=ON PLU=ON L69
               D TRIAL 1
L71
           462 SEA ABB=ON PLU=ON (L20 OR L21 OR L22 OR L23 OR L24) AND L70
L72
             6 SEA ABB=ON PLU=ON L51 AND L71
L73
             5 DUP REM L72 (1 DUPLICATE REMOVED)
                    ANSWERS '1-3' FROM FILE BIOSIS
                    ANSWERS '4-5' FROM FILE AGRICOLA
               D SCA L72
L74
             2 SEA ABB=ON PLU=ON L26 AND L71
               D SCA
L75
           577 SEA ABB=ON PLU=ON (L30 OR L31 OR L32 OR L33 OR L34) AND L70
            11 SEA ABB=ON PLU=ON (L30 OR L31 OR L32 OR L33 OR L34) AND L70
L76
               AND (L51 OR L26)
            22 SEA ABB=ON PLU=ON (L71 OR L75) AND L25
L77
               D COST
L78
            24 SEA ABB=ON PLU=ON L61
     FILE 'USPATFULL, USPAT2' ENTERED AT 12:53:35 ON 06 SEP 2006
L79
             1 SEA ABB=ON PLU=ON L61
     FILE 'MEDLINE, EMBASE, BIOSIS, AGRICOLA' ENTERED AT 12:54:13 ON 06 SEP
     2006
L80
             1 SEA ABB=ON PLU=ON (L56 OR L57 OR L58) AND (L72 OR L74 OR L76
               OR L77)
```

FILE 'USPATFULL, USPAT2' ENTERED AT 12:54:50 ON 06 SEP 2006
D L63

FILE 'REGISTRY' ENTERED AT 12:55:40 ON 06 SEP 2006

L81 110 SEA ABB=ON PLU=ON L17 AND (USPATFULL/LC OR USPAT2/LC)

FILE 'USPATFULL, USPAT2' ENTERED AT 12:56:16 ON 06 SEP 2006

L82 48 SEA ABB=ON PLU=ON L81

L83 34 SEA ABB=ON PLU=ON (L30 OR L31 OR L32 OR L33 OR L34) AND L82

L84 18 SEA ABB=ON PLU=ON L25 AND L83

L85 11 SEA ABB=ON PLU=ON (L26 OR L27 OR L51) AND L84

D KWIC 1-3

L86 7 SEA ABB=ON PLU=ON L84 NOT L85

D KWIC 1-3

L87 1 SEA ABB=ON PLU=ON (L84 OR L85) AND L79

FILE 'STNGUIDE' ENTERED AT 13:01:36 ON 06 SEP 2006

FILE 'REGISTRY' ENTERED AT 13:02:10 ON 06 SEP 2006 D STAT QUE L17

FILE 'STNGUIDE' ENTERED AT 13:02:33 ON 06 SEP 2006

FILE 'USPATFULL, USPAT2' ENTERED AT 13:03:10 ON 06 SEP 2006

L88 1 SEA ABB=ON PLU=ON (L56 OR L57 OR L58) AND (L84 OR L85)

FILE 'STNGUIDE' ENTERED AT 13:03:53 ON 06 SEP 2006

FILE 'HCAPLUS' ENTERED AT 13:06:58 ON 06 SEP 2006

D QUE NOS L61

D QUE NOS L62

L89 15 SEA ABB=ON PLU=ON L61 OR L62

FILE 'MEDLINE, EMBASE, BIOSIS, AGRICOLA' ENTERED AT 13:07:01 ON 06 SEP 2006

D QUE NOS L78

D QUE NOS L80

L90 24 SEA ABB=ON PLU=ON L78 OR L80

FILE 'USPATFULL, USPAT2' ENTERED AT 13:07:05 ON 06 SEP 2006

D QUE NOS L79

D QUE NOS L87

D QUE NOS L88

L92

L91 1 SEA ABB=ON PLU=ON L79 OR L87 OR L88

FILE 'STNGUIDE' ENTERED AT 13:07:30 ON 06 SEP 2006

FILE 'HCAPLUS, BIOSIS, AGRICOLA, USPATFULL' ENTERED AT 13:07:44 ON 06 SEP 2006

21 DUP REM L89 L90 L91 (19 DUPLICATES REMOVED)

ANSWERS '1-15' FROM FILE HCAPLUS ANSWERS '16-21' FROM FILE BIOSIS

D IBIB ABS HITIND HITSTR L92 1-15

D IALL L92 16-21

FILE 'STNGUIDE' ENTERED AT 13:09:36 ON 06 SEP 2006

FILE 'HCAPLUS' ENTERED AT 13:12:22 ON 06 SEP 2006

```
D QUE NOS L39
```

D QUE NOS L40

D QUE NOS L48

D QUE NOS L53 D QUE NOS L55

L93 56 SEA ABB=ON PLU=ON (L39 OR L40 OR L48 OR L53 OR L55) NOT L89

FILE 'MEDLINE, EMBASE, BIOSIS, AGRICOLA' ENTERED AT 13:12:27 ON 06 SEP 2006

D QUE NOS L72

D QUE NOS L74

D QUE NOS L76

D QUE NOS L77

L94 31 SEA ABB=ON PLU=ON (L72 OR L74 OR L76 OR L77) NOT L90

FILE 'USPATFULL, USPAT2' ENTERED AT 13:12:33 ON 06 SEP 2006

D QUE NOS L84

D QUE NOS L85

L95 17 SEA ABB=ON PLU=ON (L84 OR L85) NOT L91

FILE 'STNGUIDE' ENTERED AT 13:12:54 ON 06 SEP 2006

FILE 'HCAPLUS, MEDLINE, EMBASE, BIOSIS, AGRICOLA, USPATFULL, USPAT2' ENTERED AT 13:13:04 ON 06 SEP 2006

L96

87 DUP REM L93 L94 L95 (17 DUPLICATES REMOVED)

ANSWERS '1-56' FROM FILE HCAPLUS ANSWERS '57-65' FROM FILE MEDLINE

ANSWERS '66-73' FROM FILE BIOSIS

ANSWERS '74-87' FROM FILE USPATFULL

D IBIB ABS HITIND HITSTR L96 1-56

D IALL L96 57-73

D IBIB ABS KWIC HITSTR L96 74-87

FILE HOME

FILE HCAPLUS

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FILE COVERS 1907 - 6 Sep 2006 VOL 145 ISS 11 FILE LAST UPDATED: 5 Sep 2006 (20060905/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 5 SEP 2006 HIGHEST RN 905905-44-4 DICTIONARY FILE UPDATES: 5 SEP 2006 HIGHEST RN 905905-44-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Sep 1, 2006 (20060901/UP).

FILE MEDLINE

FILE LAST UPDATED: 5 Sep 2006 (20060905/UP). FILE COVERS 1950 TO DATE.

On December 11, 2005, the 2006 MeSH terms were loaded.

The MEDLINE reload for 2006 is now (26 Feb.) available. For details on the 2006 reload, enter HELP RLOAD at an arrow prompt (=>). See also:

http://www.nlm.nih.gov/mesh/

http://www.nlm.nih.gov/pubs/techbull/nd04/nd04 mesh.html

http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html

http://www.nlm.nih.gov/pubs/techbull/nd05/nd05 2006 MeSH.html

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE EMBASE

FILE COVERS 1974 TO 6 Sep 2006 (20060906/ED)

EMBASE has been reloaded. Enter HELP RLOAD for details.

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BIOSIS

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 30 August 2006 (20060830/ED)

FILE AGRICOLA

FILE COVERS 1970 TO 8 Aug 2006 (20060808/ED)

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FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 5 Sep 2006 (20060905/PD)

FILE LAST UPDATED: 5 Sep 2006 (20060905/ED)

HIGHEST GRANTED PATENT NUMBER: US7103915

HIGHEST APPLICATION PUBLICATION NUMBER: US2006195961

CA INDEXING IS CURRENT THROUGH 5 Sep 2006 (20060905/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 5 Sep 2006 (20060905/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2006

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2006

FILE USPAT2

=>

FILE COVERS 2001 TO PUBLICATION DATE: 5 Sep 2006 (20060905/PD)
FILE LAST UPDATED: 5 Sep 2006 (20060905/ED)
HIGHEST GRANTED PATENT NUMBER: US2005282999
HIGHEST APPLICATION PUBLICATION NUMBER: US2006195960
CA INDEXING IS CURRENT THROUGH 5 Sep 2006 (20060905/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 5 Sep 2006 (20060905/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2006
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2006